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SUPPLEMENT TO
REPORT NO.

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THIS IS UNEVALUATED INFORMATION

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1. The Ministry of Industry has been given the task of furnishing the new East German fishing fleet and ocean-going reparations ships with the following specially-developed equipment 5
 - a. Two-stage transmitter, 20-watt, R/T,*
 - b. Two-stage transmitter with 80-watt peak power output, W/T* and R/T.
 - c. 200- and 100-watt W/T transmitters for ocean-going ships and 20-watt ship to ship communication, R/T.
2. The two-stage 20-watt transmitter is developed for R/T communication with the new East German fishing fleet. It has a frequency of 1.5 to 3.5 mc's and the accompanying receiver is a seven-circuit superheterodyne. The supply is 24 volts over two transformers.
3. The two-stage 80-watt transmitter is a W/T and R/T transmitter for peak power transmissions of about 80 watts. The whole is similar to the one described in paragraph 2 above except that the receiver has an additional intermediate frequency oscillator.
4. The ships' transmitters and ship to ship communications equipment are described as follows:
 - a. The transmitter with a peak power of 200 watts has a frequency range of 3-20 mc's.
 - b. The 100-watt transmitter has a frequency range of 500 kc's \pm 15 kc's, with automatic distress signalling.
 - c. The receiver is an 8-circuit superheterodyne with a frequency range of 1.5 to 30 mc's incorporating a selector for 500 kc's and an automatic alarm signals activator.
 - d. For ship to ship traffic there is a radio of about 125 mc's incorporating a receiver with a direction-finding antenna.
 - e. All of this equipment is fed by an AC of 220 volts.

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5. In addition to the above equipment, former German ships now being refitted in Baltic ports under the supervision of Col. Litvinov, of the SKK's Scientific and Technological Department (Soviet Navy), Karlshorst, are receiving W/T. They are the following:

ASIA:	200-watt Ehrenmal transmitter with a frequency range of 3-23 mc's and a 500-watt Ehrenmal transmitter with a frequency range of 350 to 600 kc's. The associated receivers are Siemens All-Wave.
ILYA REPIN:	A 200-watt Ehrenmal transmitter for this ship is still lying on the quay at Wismar.
NACHIMOD**)	
HANSA)	500-watt and 800-watt Ehrenmal transmitters have
RUSS)	been delivered to each of these four ships.
PRIMORYE)	
GORCH FOCK:	A Lorenz Lo 40 K 39 transmitter is to be installed.

6. The first sixty of a number of marine transmitters of the Lorenz Ehrenmal Lo 800 FKW type have been delivered to the USSR.

* Comment: R/T presumably means clear or voice transmission, while W/T is presumably code or key transmission. 50X1-HUM

** Comment: This may possibly be NAKHIMOV, a name which is fairly common in Russian naval matters. 50X1-HUM

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